

Half Scale

**Ordering Information**

Style <b>CD7</b>	Type <b>4</b>	Mounting [ ]	Length [ ]	Total Lamps [ ]	Color <b>WH</b>	Ballast & Voltage [ ]
		<b>4</b> = Direct/Indirect Lens	<b>2</b> = Cable <b>3</b> = Stem <b>4</b> = Wall	<b>4</b> = 4-foot <b>8</b> = 8-foot	<b>2</b> = 2-Lamp T8 per fixture (4' fixture) <b>4</b> = 4-Lamp T8 per fixture (8' fixture)	<b>E81</b> = T8 Electronic 120V <b>E82</b> = T8 Electronic 277V <b>HD1</b> = T8 Electronic PowerSpec® HDF Dimming 120V <b>HD2</b> = T8 Electronic PowerSpec® HDF Dimming 277V <b>M71</b> = T8 Electronic Dimming Ballast 120V <b>M72</b> = T8 Electronic Dimming Ballast 277V

Complete ordering instructions below.

For all fixtures represented in this family please refer to the brochure and/or additional specification sheets.

**Features**

- Housing:** Extruded aluminum. Die-cast end cap mechanically attached with no exposed fasteners. Concealed access holes in end plate for through wiring.
- Lamping:** Two T8 32 watt fluorescent lamps, as specified. Provided by others.
- Reflector:** Accurate parabolic-shaped, die-formed semi-specular anodized aluminum reflector with 36° shielding crosswise.
- Lens:** Extruded 100% acrylic clear debossed prismatic lens.

**Electrical**

Specify 120 volt or 277 volt. 3 conductor, 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting, consult factory. Rapid start, HPF, class "P" thermally protected. PowerSpec HDF dimming ballast is available. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

**Mountings**

**Cable Suspension** (not shown) - 1-1/2" (3.81cm) and 4-1/2" (11.43cm) diameter flat canopy finished enamel white, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36° (91.44cm), adjustable cable gripper.

**Stem Mounting** (not shown) - 4-1/2" (11.43cm) diameter flat canopy, 1/2" (1.27cm) diameter rigid-mounted stem. White finish. Can be cut to length on job. Self-aligning swivel provides adjustability up to 42° of slopes.

**Wall Mounting** (not shown) - consult factory for availability.

**Finish**

Powder coated baked white enamel. Custom colors available, consult factory.

**Options and Accessories**

Emergency batteries available.

**Ordering Instructions****Individual Fixtures:**

- Order number of FIXTURES (fixture comes complete with end caps, mounting hardware and power feeds).

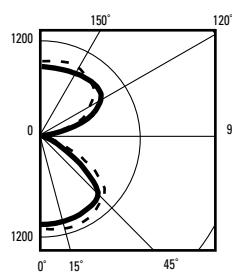
**Continuous Rows:**

- Determine run length.
- Order the appropriate number of FIXTURES for the complete run. Fixtures can be bolted together and through wired to complete long runs.

**Labels**

UL, cUL and I.B.E.W.

**Job Information**      **Type:****Job Name:****Cat. No.:****Lamp(s):****Notes:**

**Performance and Quick Calculator**
**CANDLEPOWER CURVE**


**REPORT NO:** LRL 282-5B  
**LAMP:** 2-32WT8  
**LUMENS:** 2900  
**EFFICIENCY:** 78.0%

**CANDLEPOWER**

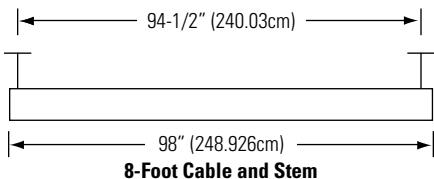
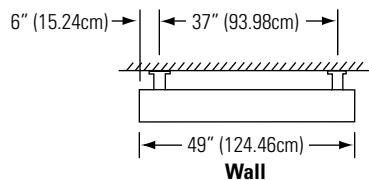
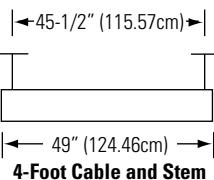
ZONE DEG.	0	22	45	67	90
180	770	770	770	770	770
175	776	774	776	771	767
165	778	769	761	755	747
155	711	701	704	717	721
145	643	636	663	690	700
135	528	536	580	627	637
125	413	427	498	530	505
115	279	322	359	359	356
105	142	190	186	176	169
95	31	42	28	24	21
90	0	0	0	0	0
85	23	24	22	23	19
75	63	75	47	70	60
65	83	131	97	107	72
55	219	272	237	215	156
45	543	527	471	441	414
35	798	785	782	767	762
25	904	896	893	896	895
15	1012	997	999	988	981
5	1017	1012	1020	1015	1014
0	1013	1013	1013	1013	1013

**COEFFICIENTS OF UTILIZATION**

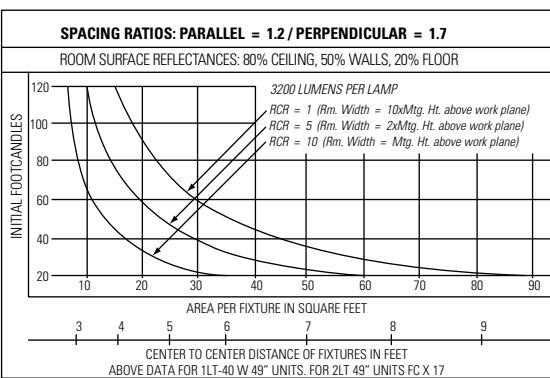
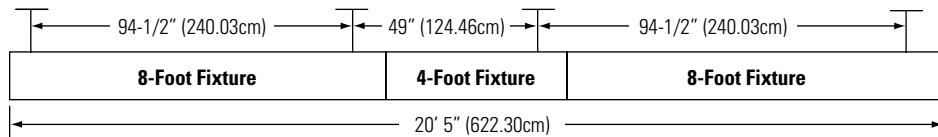
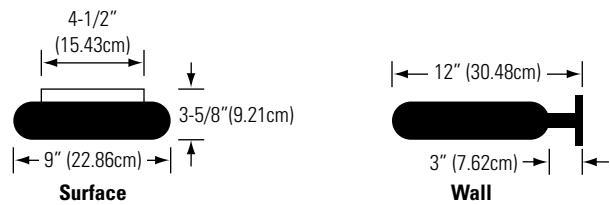
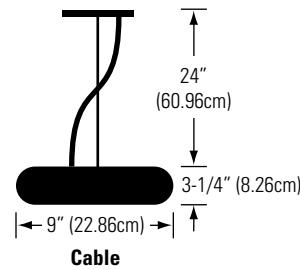
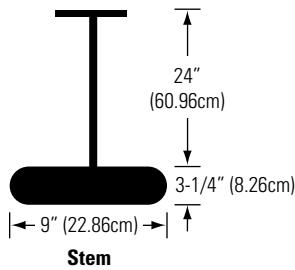
% EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	80			70			50		
	50	30	10	50	30	10	50	30	10
0	83	83	83	76	76	76	63	63	63
1	73	71	71	67	65	63	57	55	54
2	66	62	62	61	57	54	51	49	46
3	59	54	54	55	50	47	46	43	41
4	53	48	48	49	44	41	42	39	36
5	48	42	42	45	40	36	38	35	32
6	43	38	38	40	35	32	35	31	28
7	39	34	34	37	32	28	32	28	25
8	36	30	30	34	29	25	29	25	23
9	33	27	27	31	26	23	27	23	20
10	29	24	24	27	23	19	24	20	17

20% FLOOR CAVITY REFLECTANCE

**Fixture Lengths & Mounting Locations**


ZONE	LUMENS	% BARE LAMP	% LUMINAIRE
90-180	2473	42.6	54.6
0-90	2052	35.4	45.4
0-180	4525	78.0	100.0


**Sample Run**

**Mounting Details**

**Job Information**      **Type:**

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
 We reserve the right to change details of design, materials and finish.  
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